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10 **UNITED STATES DISTRICT COURT**
11 **SOUTHERN DISTRICT OF CALIFORNIA**

12 e.Digital Corporation,

13 Plaintiff,

14 v.

15 Microsemi Corporation,

16 Defendant.
17

'15CV0319 BAS MDD

**COMPLAINT FOR PATENT
INFRINGEMENT**

DEMAND FOR JURY TRIAL

18 Plaintiff e.Digital Corporation (“e.Digital” or “Plaintiff”), by and through its
19 undersigned counsel, complains and alleges against Defendant Microsemi
20 Corporation (referred to hereafter as “Microsemi” or “Defendant”) as follows:

21 **NATURE OF THE ACTION**

22 1. This is a civil action for infringement of a patent arising under the
23 laws of the United States relating to patents, 35 U.S.C. § 101, *et seq.*, including,
24 without limitation, 35 U.S.C. §§ 271, 281. Plaintiff e.Digital seeks a preliminary
25 and permanent injunction and monetary damages for the infringement of its U.S.
26 Patent No. 5,839,108.

27 **JURISDICTION AND VENUE**
28

1 2. This court has subject matter jurisdiction over this case for patent
2 infringement under 28 U.S.C. §§ 1331 and 1338(a) and pursuant to the patent laws
3 of the United States of America, 35 U.S.C. § 101, *et seq.*

4 3. Venue properly lies within the Southern District of California
5 pursuant to the provisions of 28 U.S.C. §§ 1391(b), (c), and (d) and 1400(b). On
6 information and belief, Defendant conducts substantial business directly and/or
7 through third parties or agents in this judicial district by selling and/or offering to
8 sell the infringing products and/or by conducting other business in this judicial
9 district. Furthermore, Plaintiff e.Digital is headquartered and has its principal
10 place of business in this district, engages in business in this district, and has been
11 harmed by Defendant's conduct, business transactions and sales in this district.

12 4. This Court has personal jurisdiction over Defendant because, on
13 information and belief, Defendant transacts continuous and systematic business
14 within the State of California and the Southern District of California. In addition,
15 this Court has personal jurisdiction over the Defendant because, on information
16 and belief, this lawsuit arises out of Defendant's infringing activities, including,
17 without limitation, the making, using, selling and/or offering to sell infringing
18 products in the State of California and the Southern District of California. Finally,
19 this Court has personal jurisdiction over Defendant because, on information and
20 belief, Defendant has made, used, sold and/or offered for sale its infringing
21 products and placed such infringing products in the stream of interstate commerce
22 with the expectation that such infringing products would be made, used, sold
23 and/or offered for sale within the State of California and the Southern District of
24 California.

25 5. Upon information and belief, certain of the products manufactured by
26 Defendant have been and/or are currently sold and/or offered for sale by Defendant
27 via its website, sales offices, and/or sales contacts and/or via its distributors to
28 customers, consumers, and/or end-users located, among other places, within the

1 State of California.

2 **PARTIES**

3 6. Plaintiff e.Digital is a Delaware corporation with its headquarters and
4 principal place of business at 16870 West Bernardo Drive, Suite 120, San Diego,
5 California 92127.

6 7. Upon information and belief, Defendant Microsemi Corporation is a
7 corporation registered and lawfully existing under the laws of the State of
8 Delaware, with an office and principal place of business located at One Enterprise
9 Aliso Viejo, CA 92656.

10 **THE ASSERTED PATENT**

11 8. On November 17, 1998, the United States Patent and Trademark
12 Office duly and legally issued United States Patent No. 5,839,108 (“the ’108
13 patent”) entitled “Flash Memory File System In A Handheld Record And Playback
14 Device,” to its named inventors Norbert P. Daberko and Richard K. Davis.
15 Plaintiff e.Digital is the assignee and owner of the entire right, title and interest in
16 and to the ’108 patent and has the right to bring this suit for damages and other
17 relief. A true and correct copy of the ’108 patent is attached hereto as Exhibit A.

18 **COUNT ONE**

19 **INFRINGEMENT OF THE ’108 PATENT BY DEFENDANT**

20 9. Plaintiff re-alleges and incorporates by reference each of the
21 allegations set forth in paragraphs 1 through 8 above.

22 10. The accused products include but are not limited to Defendant’s Flash
23 Memory Storage products including but not limited to its NAND BGA Solid State
24 Drive products, TRRUST-STOR Solid State Drive products, SECURRE-Stor
25 SATA Encrypted Solid State Drive products, and/or NAND Controller products.
26 The primary and substantial purpose of the accused products is to write to and
27 store data in electronic format in non-volatile flash memory.

28 11. Defendant has directly and indirectly infringed and is directly and

1 indirectly infringing Claim 1 of the '108 patent in violation of 35 U.S.C. § 271, *et*
2 *seq.*, by making, using, offering for sale, selling in the United States and/or
3 importing into the United States without authority, the accused products identified
4 above. Claim 1 of the '108 patent teaches a method of memory management for a
5 non-volatile storage medium. The method comprises several steps, which generally
6 involves, without limitation, writing electronic data segments from volatile,
7 temporary memory to a non-volatile, long-term storage medium by linking data
8 segments according to a number of specified steps.

9 12. Plaintiff alleges that at least as of the date of the filing of the
10 originally filed complaint in this matter, if not sooner, Defendant knew or should
11 have known of the existence of Claim 1 of the '108 patent and the fact that the
12 accused products infringe said Claim 1.

13 13. Plaintiff alleges that Defendant sold, sells, offers to sell, ships, or
14 otherwise delivers the accused products to customers or end-users with all the
15 features required to infringe Claim 1 of the '108 patent. Upon information and
16 belief, Defendant knows that the accused products infringe Claim 1 of the '108
17 patent and intends to induce third parties to include its customers and end-users to
18 also infringe Claim 1 of the '108 patent.

19 14. Upon information and belief, the accused products, alone or in
20 combination with other products, directly or, alternatively, under the doctrine of
21 equivalents practice each of the limitations of independent Claim 1 of the '108
22 patent when they are used for their normal and intended purpose of writing to and
23 storing electronic data on non-volatile memory. Thus, Defendant directly infringes
24 Claim 1 of the '108 patent in violation of 35 U.S.C. § 271(a) when it demonstrates,
25 tests or otherwise uses the accused products in the United States.

26 15. By way of example, certain website(s) publish the Defendants'
27 datasheets, application notes, and descriptions of the features and functionality of
28 the accused products. Upon information and belief, customers and end-users are

1 provided information in such publications concerning how to use of the accused
2 products in a way that infringes Claim 1. Such conduct evidences Defendant's act
3 of direct infringement of Claim 1 of the '108 patent.

4 16. Plaintiff also alleges on information and belief that Defendant uses,
5 makes, sells, offers to sell and/or imports the accused products knowing that they
6 will be used by its customers and end-users for writing and storing electronic data
7 to non-volatile memory utilizing the steps described in Claim 1 of the '108 patent.
8 Defendant's product literature, datasheets, application notes, informational videos,
9 instructional materials, brochures, and other informational materials and encourage
10 customers to use the accused product(s) knowing that the accused products utilize
11 the methods of memory management taught by Claim 1 of the '108 patent and in a
12 manner it knows infringes upon Claim 1 of the '108 patent.

13 17. Defendant also provides instructional and/or informational material
14 that instruct customers and end-users on how to connect the accused products and
15 use them as non-volatile storage devices for electronic data. Among other things,
16 Defendant's informational materials lay out step-by-step instructions on how to
17 write data into the memory of the accused products – a process that utilizes the
18 method disclosed in Claim 1 of the '108 patent and which Defendant knows (at the
19 least as of the filing of the original complaint if not sooner) infringes the method
20 taught in Claim 1 of the '108 patent. Plaintiff believes that Defendant directs
21 consumers and end-users to consult and utilize such instructional material.

22 18. Plaintiff believes and thereupon alleges that Defendant is aware that
23 its customers and end-users are using the accused products in an infringing manner
24 based on, among other things, the fact that Defendant encourages its customers and
25 end-users to use the accused products in an infringing manner as set forth in the
26 preceding Paragraphs.

27 19. As alleged above, incorporated herewith, and based upon information
28 and belief, Plaintiff alleges that Defendant, without authority, has induced and

1 continues to induce infringement of the '108 patent in violation of 35 U.S.C. §
2 271(b) inasmuch as:

- 3 a. The accused products infringe Claim 1 during the normal use of
- 4 the accused products by Defendant's customers and/or end-users;
- 5 b. Defendant has known and has been continuously aware of the
- 6 '108 patent since at least the filing of the original complaint in this
- 7 action, if not sooner;
- 8 c. Defendant has acted in a manner that encourages and continues to
- 9 encourage others to infringe Claim 1 of the '108 patent by, among
- 10 other things, intentionally instructing and/or encouraging
- 11 customers and end-users to use the accused products in a manner
- 12 that Defendant knows or should have known would cause them to
- 13 infringe the '108 patent;
- 14 d. Defendant sells, distributes, and supplies the accused products to
- 15 customers and end-users with the intent that the products be used
- 16 in an infringing manner;
- 17 e. Defendant provides instructional and/or informational material
- 18 designed to instruct customers and end-users to use the products
- 19 in an infringing manner; and,
- 20 f. Defendant advertises, markets, and promotes the use of the
- 21 accused products in an infringing manner.

22 20. As alleged above, incorporated herewith, and based upon information
23 and belief, Plaintiff alleges that Defendant has contributed and continues to
24 contribute to the infringement of Claim 1 of the '108 patent in violation of 35
25 U.S.C. § 271(c) inasmuch as:

- 26 a. The accused products infringe Claim 1 of the '108 patent during
- 27 the normal use of the accused products by Defendant's customers
- 28 and/or end-users;

- 1 b. Defendant has known and has been continuously aware of the
2 '108 patent since at least the filing of the original complaint in this
3 action, if not sooner;
- 4 c. Defendant imports into the United States, sells and/or offers to
5 sell within the United States products that (a) practice the method
6 of memory management of Claim 1 of the '108 patent; and, (b)
7 Defendant knows that the same constitute material infringing
8 component(s) of the accused products, which were made and/or
9 especially adapted for use in the accused products;
- 10 d. The memory management component(s) and methods of the
11 accused products are not staple articles of commerce suitable for
12 substantial non-infringing use with respect to the '108 patent; and,
- 13 e. Defendant sells, has sold, and/or has supplied the accused
14 products knowing of Plaintiff's '108 patent and knowing that the
15 accused products incorporate Plaintiff's patented method and/or
16 were specially adapted for use in a way which infringes the '108
17 patent.

18 21. As alleged above, Plaintiff alleges that Defendant had notice of the
19 '108 patent and knowledge of infringement of Claim 1 of the '108 patent since at
20 least the filing of the original complaint in this matter, if not sooner. Defendant has
21 and continues to sell products that practice the '108 patent after acquiring
22 knowledge of infringement.

23 **PRAYER FOR RELIEF**

24 WHEREFORE, Plaintiff prays for relief and judgment as follows:

- 25 1. That Defendant be declared to have infringed the Patent-in-Suit;
- 26 2. That Defendant, Defendant's officers, agents, servants, employees,
27 and attorneys, and those persons in active concert or participation with them, be
28 preliminarily and permanently enjoined from infringement of the Patent-in-Suit,

1 including but not limited to any making, using, offering for sale, selling, or
2 importing of unlicensed infringing products within and without the United States;

3 3. Compensation for all damages caused by Defendant's infringement of
4 the Patent-in-Suit to be determined at trial;

5 4. A finding that this case is exceptional and an award of reasonable
6 attorneys fees pursuant to 35 U.S.C. § 285;

7 5. Granting Plaintiff pre-and post-judgment interest on its damages,
8 together with all costs and expenses; and,

9 6. Awarding such other relief as this Court may deem just and proper.

10 **HANDAL & ASSOCIATES**

11 Dated: February 13,2015

By: /s/Anton N. Handal
Anton N. Handal
Pamela C. Chalk
Gabriel G. Hedrick
Attorneys for Plaintiff
e.Digital Corporation

DEMAND FOR JURY TRIAL

Plaintiff hereby demands a trial by jury on all claims.

HANDAL & ASSOCIATES

Dated: February 13, 2015

By: /s/Anton N. Handal
Anton N. Handal
Pamela C. Chalk
Gabriel G. Hedrick
Attorneys for Plaintiff
e.Digital Corporation

CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and correct copy of the foregoing document has been served on this date to all counsel of record, if any to date, who are deemed to have consented to electronic service via the Court's CM/ECF system per CivLR 5.4(d). Any other counsel of record will be served by electronic mail, facsimile and/or overnight delivery upon their appearance in this matter.

I declare under penalty of perjury of the laws of the United States that the foregoing is true and correct. Executed this 13th day of February, 2015 at San Diego, California.

HANDAL & ASSOCIATES

Dated: February 13, 2015

By: /s/Anton N. Handal
Anton N. Handal
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e.Digital Corporation